

Abstract

The present invention relates to a paint for forming a transparent conductive thin film characterized in comprising at least a conductive oxide powder comprising a primary granular diameter of no greater than 100 nm; an easily dispersible low-boiling point solvent of the aforementioned conductive oxide powder; a difficultly dispersible high-boiling point solvent of the aforementioned conductive oxide powder; and a binder. By using the paint for forming a transparent conductive thin film, it is possible to form a transparent conductive thin film having superior transparency and conductive properties onto the surface of a transparent material. The present invention also provides a paint for forming a transparent conductive thin film which is useful as a coating for transparent material surfaces that require the effects of blocking static electricity, interfering with electromagnetic waves, and the like, such as screen surfaces for display devices, surface covering materials of the same, window glass, show window glass, covering materials for instruments, materials for “clean room” floors and walls, packaging materials for semiconductors, and the like; and a transparent conductive thin film obtained by means of coating the aforementioned paint as a transparent thin film.

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